

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A pet food composition for oral administration comprising an effective amount of an ingredient comprising an admixture of L-carnitine ~~a molecule that stimulates energy metabolism of a cell~~ and one of ginkgo biloba and an antioxidant blend in an amount sufficient to improve hair or coat quality of an animal, in an orally acceptable carrier, wherein the ~~antioxidant is~~ antioxidant blend includes ~~selected from the group consisting of~~ cystine, S-adenosyl methionine, a compound that upregulates the biosynthesis of cystine or S-adenosyl methionine in vivo, tea catechins, coffee extracts containing polyphenols and diterpenes, cysteine, grape or grape seed extracts rich in proanthocyanidins, spice extracts, soy extracts and other sources of flavonoids with antioxidant activity, ursodeoxycholic acid, ursolic acid, ginseng, ginsenosides and natural sources thereof, and combinations thereof vitamin C and vitamin E.

Claim 2 (currently amended): The composition according to claim 1, wherein ~~said molecule is~~ further comprising a molecule that stimulates energy metabolism of a cell, the molecule selected from the group consisting of L-carnitine, creatine, fatty acids (monounsaturated and polyunsaturated), cardiolipin, nicotinamide, and carbohydrate, and combinations thereof.

Claim 3 (canceled):

Claim 4 (previously presented): The composition according to claim 1, wherein the composition is selected from the group consisting of a pharmaceutical composition, a nutritionally complete pet food and a dietary supplement for animal consumption.

Claim 5 (previously presented): The composition according to claim 1, wherein the composition is a pharmaceutical composition.

Claim 6 (previously presented): The composition according to claim 1, wherein the composition provides a sufficient amount of the ingredient to stimulate hair growth.

Claim 7 (previously presented): The composition according to claim 1, wherein the composition provides a sufficient amount of the ingredient to modulate hair sebum lipid production and/or composition.

Claims 8-16 (canceled):

Claim 17 (currently amended): The composition according to ~~claim 1~~claim 2, wherein said molecule is an omega-3 fatty acid.

Claim 18-21 (canceled):

Claim 22 (new): The composition according to claim 1, wherein the antioxidant blend further comprises an antioxidant selected from the group consisting of S-adenosyl-methionine, a compound that upregulates the biosynthesis of cysteine or S-adenosyl-methionine in vivo, tea catechins, coffee extracts containing polyphenols and diterpenes, spice extracts, soy extracts and other sources of flavonoids with antioxidant activity, ursodeoxycholic acid, ursolic acid, ginseng, ginsenosides and natural sources thereof, and combinations thereof.